

Create statements for better understanding of structure:

Product Table

```
CREATE TABLE `product` (  
  `Product ID` varchar(64) NOT NULL,  
  `Category` text,  
  `Sub-Category` text,  
  `Product Name` text,  
  PRIMARY KEY (`Product ID`)  
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_0900_ai_ci;
```

Region Table

```
CREATE TABLE `region` (  
  `Region ID` int NOT NULL,  
  `Region` text,  
  `Regional Manager` text,  
  PRIMARY KEY (`Region ID`)  
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_0900_ai_ci;
```

Order Table :

```
CREATE TABLE `order` (  
  `Order ID` varchar(255) NOT NULL,  
  `Order Date` text,  
  `Ship Date` text,  
  `Ship Mode` text,  
  `Region` int DEFAULT NULL,  
  `CustomerID` varchar(45) DEFAULT NULL,  
  PRIMARY KEY (`Order ID`),  
  KEY `CustomerID` (`CustomerID`),  
  KEY `Region` (`Region`),  
  CONSTRAINT `order_ibfk_1` FOREIGN KEY (`CustomerID`)  
REFERENCES `customer` (`customerId`),  
  CONSTRAINT `order_ibfk_2` FOREIGN KEY (`Region`) REFERENCES  
`region` (`RegionID`)  
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4  
COLLATE=utf8mb4_0900_ai_ci;
```

Return Table:

```

CREATE TABLE `returns` (
  `Returned` text,
  `OrderID` varchar(255) DEFAULT NULL,
  KEY `OrderID` (`OrderID`),
  CONSTRAINT `returns_ibfk_1` FOREIGN KEY (`OrderID`) REFERENCES `order` (`OrderID`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_0900_ai_ci;

```

Order Item Table

```

CREATE TABLE `order_item` (
  `Order Detail ID` int NOT NULL,
  `Sales` double DEFAULT NULL,
  `Quantity` int DEFAULT NULL,
  `Discount` double DEFAULT NULL,
  `Profit` double DEFAULT NULL,
  `Profit Margin` double DEFAULT NULL,
  `Cost of Goods Sold` double DEFAULT NULL,
  `Cost of Sales` double DEFAULT NULL,
  `Other Expenses` double DEFAULT NULL,
  PRIMARY KEY (`Order Detail ID`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_0900_ai_ci;

```

Customer Table:

```

CREATE TABLE `customer` (
  `customerId` varchar(45) NOT NULL,
  `Customer Name` varchar(45) DEFAULT NULL,
  `Segment` varchar(45) DEFAULT NULL,
  `Country/Region` varchar(45) DEFAULT NULL,
  `City` varchar(45) DEFAULT NULL,
  `State` varchar(45) DEFAULT NULL,
  `Postal Code` int DEFAULT NULL,
  PRIMARY KEY (`customerId`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_0900_ai_ci;
SELECT * FROM GBC_Superstores.customer_table;

```